

From boatanchors@theporch.com Wed May 10 18:30:28 1995
Date: Wed, 10 May 1995 13:30:28 -0500
Message-Id: <9505101828.AA10854@viper.cs.Virginia.EDU>
From: rar3h@server.cs.virginia.edu
Subject: **FOR SALRE National NC-125 Manual**

I have a photocopy of a National NC-125 Manual for sale.

\$15 and it's yours

Bob
rar3h@virginia.edu

From boatanchors@theporch.com Wed May 10 23:59:36 1995
Date: Wed, 10 May 1995 18:59:36 -0500
Message-Id: <950510195239_114253649@aol.com>
From: KD0HG@aol.com
Subject: BA TV Sets

Anyone else on this group interested in or worked on 50s TVs? (lately..) Are there any Internet user groups covering this subject? Responses can be sent directly to KD0HG@AOL.COM --not sure if this is an appropriate thread for the BA group or not. Jack, what if I plan to use a '51 Zenith porthole set as a RTTY monitor along with an R-390A? <bill>

From boatanchors@theporch.com Wed May 10 08:20:44 1995
Date: Wed, 10 May 1995 03:20:44 -0500
Message-Id: <950510041824_113444183@aol.com>
From: Jodaanve@aol.com
Subject: BA's for sale-update

First, I would like to thank everyone who assisted with pricing information and offers. This updated list is for the equipment that did not receive any firm bids, along with a couple of new items. I've set the asking prices for these remaining items, shipping and insurance is not included, based on the information provided by the group. . Please e-mail me directly with offers or requests for additional information. Thanks again, Dave-WB9EGZ

EQUIPMENT FOR SALE:

DRAKE R4A RECEIVER GUD CONDX W/MANUAL-\$125
power switch needs some repair

DRAKE 2-NT XMITTER VG CONDX W/MANUAL-\$75

JOHNSON NAVIGATOR XMITTER VG W/MANUAL-\$175

JOHNSON MODEL 122 VFO GUD W/MANUAL-\$50
slightly modified electrically to work with 2-NT

HALICRAFTERS HA-5 VFO VG W/MANUAL-\$40

HEATH DX-60 XMITTER GD W/MANUAL AND VFO- \$60
vfo is not in a cabinet-untested

ELDICO ELECTRONIC KEY W/MANUAL-\$25
missing paddle-untested

From boatanchors@theporch.com Wed May 10 17:42:13 1995
Date: Wed, 10 May 1995 12:42:13 -0500
Message-Id: <m0s9FSD-00001gC@next3.acme.ist.ucf.edu>
From: clarke@acme.ist.ucf.edu (Thomas Clarke)
Subject: Boatanchors Ahoy!

I was scouting the antique district for an anniversary gift when
I came upon a couple of boatanchors:

BC-342-N Grungy, all there, no case, Farnsworth Radio Co.
They were asking \$60 seems high unless Farnsworth is a premium???

BC-221 Good shape except paint on outside worn down to aluminum in
places.

No price, thought I'd consult with the list before inquiring.

Tom Clarke
KE4VFH

From boatanchors@theporch.com Wed May 10 18:19:03 1995
Date: Wed, 10 May 1995 13:19:03 -0500
Message-Id: <199505101817.NAA12630@uro.theporch.com>
From: Jack Taylor <n7oo@hereford.ampr.org>
Subject: Re: Boatanchors Ahoy!

At 12:41 PM 5/10/95 -0500, Thomas Clarke wrote:

>I was scouting the antique district for an anniversary gift when

>I came upon a couple of boatanchors:

>

>BC-342-N Grungy, all there, no case, Farnsworth Radio Co.

> They were asking \$60 seems high unless Farnsworth is a premium???

>

>BC-221 Good shape except paint on outside worn down to aluminum in
>places.

>

> No price, thought I'd consult with the list before inquiring.

>

>Tom Clarke

>KE4VFH

>

There was a BC-342 at our local hamfest last weekend. It too was very
gungy, but the asking price was \$150! Donno if there is real gold in these
models or not, but when the \$\$ start approaching that of a R-390/390A, I
tend to loose interest.

Also was a black BC-221 with calibration charts and homebrew AC power supply
for \$10. The seller said he'd take \$7. When I left, it was still there.
Also spotted a LM freq meter, without power supply or book. No price listed
on that one, but the physical styling appealed to me more than the 221
series. Yesterday I acquired a copy of the "Surplus Radio Conversion
Manual" (vol 2), which covers the LM series, I now would like to get a LM
freq meter...sigh...

73 de Jack

From boatanchors@theporch.com Wed May 10 21:29:59 1995

Date: Wed, 10 May 1995 16:29:59 -0500

Message-Id: <800116229.AA01666@hamlink.mn.org>

From: DOUG.WIESE@hamlink.mn.org (DOUG WIESE)

Subject: BRISTOL SPLINE WRENCHES

I don't own an R-390 myself but I do some toolbuying as a living.
McMaster-Carr Supply Company in Chicago has the L-style wrenches in
short-arm, long-arm and driver style individually for less than \$1.00
each. If these are usable lengths for your needs - six-flute .096 -
short 1-7/8" @ \$.53, long 3-1/8" @ .63, Drivers w/ repl. blades 3" @
\$6.00. They also show L-key sets including .096 six-flute for six to
eleven dollars. Again, I don't know if this is useful or not but I've
been reading the list for a couple months and looking for a place to
contribute something back. I don't have any mil gear but I have several

pieces of tube ham transceivers and receivers. The last heavy iron I got working was a pair of SX-28's. 73- Doug Wiese WB0YDD

---NoSnail v1.17

HAM>link< RBBS - Serving the Amateur Radio Community Since 1983

- 612/HAM-0000 v.34

Ham Radio Spoken Here!!

- 612/HAM-1010 v.32b

Reply to sender @ hamlink.mn.org

From boatanchors@theporch.com Wed May 10 23:02:43 1995

Date: Wed, 10 May 1995 18:02:43 -0500

Message-Id: <Pine.LNX.3.91.950510165952.13878A-100000@thelair.zynet.com>

From: johnb@thelair.zynet.com

Subject: cheap bristol wrenches

"Spline Key Wrenches"

Kit of 6 most popular spline wrenches. Used on #2 to # 8 Cap screws, and number 4 to 1/4 set screws"

GC Electronics number 5070

\$5.50

(at my local electronics jobber 1 yr ago...)

/john

wb5oau

John M. Brewer wb5oau

johnb@thelair.zynet.com

From boatanchors@theporch.com Wed May 10 19:48:20 1995

Date: Wed, 10 May 1995 14:48:20 -0500

Message-Id: <9505102013.AA119314@csemail.cropsci.ncsu.edu>

From: rdkeys@csemail.cropsci.ncsu.edu

Subject: Re: DELETE USER RDKEYS at CSEMAIL.CROPSCI.NCSU.EDU

Phillip....

When the system came up after the recent crash(?) I was still getting the BA list at rdkeys@cropsci.ncsu.edu. I need to take the machine offline for a while (maybe for good), so if you have time over the next several days, delete me from the BAlist at with the userid of rdkeys@csemail.cropsci.ncsu.edu but keep me with the userid of rdkeys@unity.ncsu.edu.

Thanks!

Bob/NA4G

rdkeys@unity.ncsu.edu

From boatanchors@theporch.com Wed May 10 11:43:58 1995

Date: Wed, 10 May 1995 06:43:58 -0500

Message-Id: <950510074209_113500220@aol.com>

From: PasqualeNJ@aol.com

Subject: Re: Dig this! "ALL SOLD"

>Dig This

>I subscribe to Antique Radio Classified

>Harry Poster

>"For Sale: Military...Things!

Gentlemen, according to Mr. Harry Poster,
the "Things" were All SOLD about 3 weeks ago.

Sorry, but save your phone calls.

Pasquale in NJ

From boatanchors@theporch.com Wed May 10 13:40:52 1995

Date: Wed, 10 May 1995 08:40:52 -0500

Message-Id: <9505101331.AA21341@uvs1.orl.mmc.com>

From: padgett@tccslr.dnet.mmc.com (A. Padgett Peterson, P.E. Information Security)

Subject: Re: Dig this! "ALL SOLD"

Pasquale in NJ rites:

>Gentlemen, according to Mr. Harry Poster,

>the "Things" were All SOLD about 3 weeks ago.

>Sorry, but save your phone calls.

Exactly why after two months of this with *every* item called about,
I canceled my ARC subscription (and now find everything through

Internet leads).

Warmly,
Padgett

From boatanchors@theporch.com Wed May 10 22:21:43 1995
Date: Wed, 10 May 1995 17:21:43 -0500
Message-Id: <9505102221.AA0498@hqsmtp.ops.3com.com>
From: Joe Reda/HQ/3Com <Joe_Reda@3mail.3com.com>
Subject: Re: Dig this! "ALL SOLD"

Warmly Padgett says:

>Pasquale in NJ rites:
>>Gentlemen, according to Mr. Harry Poster,
>>the "Things" were All SOLD about 3 weeks ago.
>>Sorry, but save your phone calls.

>Exactly why after two months of this with *every* item called about,
>I canceled my ARC subscription (and now find everything through
>Internet leads).

> Warmly,
> Padgett

Me, too. I've never bought anything from ARC for the same reason.
The Ham Trader Yellow Sheets work much better.

\\Joe KC6TXU

From boatanchors@theporch.com Wed May 10 17:43:29 1995
Date: Wed, 10 May 1995 12:43:29 -0500
Message-Id: <199505101747.KAA19258@mozart.bcit.bc.ca>
From: "Colin Schmutter" <Colin.Schmutter@theporch.com>
Subject: Drake TR4-C crystal source

Could anyone provide the name of a supplier for Drake TR4 C
oscillator crystals.

Some of mine have drifted causing dial calibration inaccuracies on
some of the bands.

Regards,

Colin

Colin Schmutter
Networks and Communications
British Columbia Institute Technology
CSCHMUTTER@BCIT.BC.CA

(604) 432-8858

From boatanchors@theporch.com Wed May 10 23:20:22 1995
Date: Wed, 10 May 1995 18:20:22 -0500
Message-Id: <2FB144B9@sharkgate.sandiegoca.attgis.com>
From: "Kenan, Larry" <llk@sandshark.sandiegoca.attgis.com>
Subject: FW: Dig this! "ALL SOLD"

Warmly Padgett says:

>Exactly why after two months of this with *every* item called about,
>I canceled my ARC subscription (and now find everything through
>Internet leads).

That's one of those "nobody ever goes there anymore because it's always too busy."

The price of success I guess. The gummit mail does seem to add a bias in favor of the right coast in this case though.

Larry Kenan

From boatanchors@theporch.com Wed May 10 16:23:16 1995
Date: Wed, 10 May 1995 11:23:16 -0500
Message-Id: <9505080753.0B35100@24stex.com>
From: michael.moore@24stex.com
Subject: HALLICRAFTERS TRIVIA

JM>At a swap today I picked up a hallicrafters cabinet, partly because I have
JM>something to put in it and partly because its not like other hallicrafters
JM>cabinets I've seen. After I describe how this one is different, can you
JM>tell me what it may have been used for?

Uh, was this at Cal State Sacramento?? if so I saw the two cases. And,
if so, did you see the Drake 1-A across the way from the guy with the

cabinets? Although there was a poor vendor turnout there was quite a bit of BA stuff all things considered.

Mike...K6SQJ

P.S. : I have an original tube chart for my TV-7D and it shows the same as your AES copy. Don't know what the problem might be.

From boatanchors@theporch.com Thu May 11 00:39:18 1995
Date: Wed, 10 May 1995 19:39:18 -0500
Message-Id: <9505101612.0MRUV01@24stex.com>
From: michael.moore@24stex.com
Subject: HALLICRAFTERS TRIVIA

BR>Hi;
BR> Did you find out what the guy with the Drake 1-A was asking for
BR>it?

BR> 73 Peter

\$250.00!!!!!! I don't think he sold it.

From boatanchors@theporch.com Wed May 10 21:12:10 1995
Date: Wed, 10 May 1995 16:12:10 -0500
Message-Id: <800146433.F00001@leotech>
From: Peter.Ferrand@leotech.mv.com (Peter Ferrand)
Subject: HP Audio Osc. for sale

Yet another piece of test gear I don't need is a Hewlett-Packard 200AB, audio oscillator.

This one goes from 20 cycles to 20 kc continuous.
This is in the standard HP case, 10" x 7" x 11" HWD.
I haven't checked the calibration, but it seems to work fine. Condition is good, with a stencil on the side indicating it was once used or owned by Bowmar (The Bowmar Brain?).

Price is \$50 shipped CONUS. E-mail or call me at (603)889-1067 any time.

BTW, should anyone find one of these in unrestorable condition, there's a very large four-section air

variable capacitor inside that would be perfect
for a low / medium freq tuner of some kind!

73,
-Pete
WB2QLL/1
Nashua, NH

* Origin: NETIS Public Access Internet (603)432-2517 (1:132/189)

From boatanchors@theporch.com Wed May 10 13:18:50 1995
Date: Wed, 10 May 1995 08:18:50 -0500
Message-Id: <Pine.SUN.3.91.950510085937.15331A-100000@little-miami.iac.net>
From: Bill Strangfeld <bstrang@iac.net>
Subject: HR mag 390A article

This may be old news, but I don't remember seeing mention here of the
November 1975 Ham Radio magazine article by Alexander MacLean, WA2SUT, on
R-390A modifications. Covers the following:

Easy way to bypass entire audio section and hook outboard amplifier and
speaker to diode load terminals for better audio. (Anyone done this?
How did it work?)

How to take rf amplifier, V201, off rf gain control. (Worth doing?)

Cure for low sensitivity below 8 MHz (check C281 or C282).

Simple modification to antenna jack to use J103 for unbalanced input.
Says this modification was originally issued by the Navy as a field change.

The article is on pages 66 and 67 of the 11/75 HR issue. I'll type it in
(without diagrams) and post it or email it if there's interest.

73, Bill Strangfeld, wb8yuw <bstrang@iac.net>

From boatanchors@theporch.com Wed May 10 22:22:59 1995
Date: Wed, 10 May 1995 17:22:59 -0500
Message-Id: <9505102222.AA0551@hqsmtp.ops.3com.com>
From: Joe Reda/HQ/3Com <Joe_Reda@3mail.3com.com>
Subject: Re: HR mag 390A article

>Easy way to bypass entire audio section and hook outboard amplifier and
>speaker to diode load terminals for better audio. (Anyone done this?
>How did it work?)

I've done this, and it worked quite well. I fed the output (*lots* of it) to my
stereo amp and the sound was really good.

\\Joe KC6TXU

From boatanchors@theporch.com Wed May 10 19:17:12 1995
Date: Wed, 10 May 1995 14:17:12 -0500
Message-Id: <199505101804.0AA04473@espresso.eng.umd.edu>
From: Philip Gwynne McCoy <dgnova@Glue.umd.edu>
Subject: HR0

Subject HR0

The RAS was made by national for the navy. It had a conversion
frequency fo 175 kc. Frequency coverage was 190kc to 30mc
continous, no skips. It had an infinite-impedance detector
like the NC-100 or NC-100-A. This may have been your receiver.
The tubes were 6D6s, 6C6s, 6B7, and a 6V6 or 6F6 octal based
tube.

>Reply-To: Michael.J.Knudsen@att.com
>From: Michael.J.Knudsen@att.com
>Subject: Name this HR0?

>Detector had been an
>infinite-impedance cathode follower according to some sort of
>shcematic I had with it, but that tube had been replaced by a
Coils went from around 100 KC up to 30 MC, continuous except for a
>"hole" at the IF freq.

From boatanchors@theporch.com Wed May 10 17:27:50 1995
Date: Wed, 10 May 1995 12:27:50 -0500
Message-Id: <9505100805.0BDB400@24stex.com>
From: michael.moore@24stex.com
Subject: HUMOUR, BOATANC

RB> Tch, tch! You don't "neutralize" such a thing with C4; you
RB>double-wrap it in aluminum foil and bury it in the dark of the moon when
RB>HF propagation is poor as far away from the antenna as possible. Adding
RB>a copper-mesh ground screen over the excavation is useful but can be
RB>omitted if you salt the dirt down well. ;>
RB> --Bobbi

Naw don't do that! Some dweeb will dig it up and try to sell it at
Livermore for \$60.00.

Mike..K6SQJ

From boatanchors@theporch.com Wed May 10 18:07:10 1995
Date: Wed, 10 May 1995 13:07:10 -0500
Message-Id: <Pine.3.89.9505101256.A6404-01000000@indy1>
From: "Roberta J. Barmore" <rbarmore@indynet.indy.net>
Subject: Re: HUMOUR, BOATANC

On Wed, 10 May 1995 michael.moore@24stex.com wrote:

[to my suggestion that really oscillijumpy rigs be buried on a
moonless night, etc. etc.]:

>

> Naw don't do that! Some dweeb will dig it up and try to sell it at
> Livermore for \$60.00.

<Grin> Very likely! ...If you didn't see the guy's original yarn in re
the finding of those "treasures" in r.a.p+p, it was a heckuva tale, the
usual sort of local legend that gets spun around any semi-reclusive ham
who did a lot of homebrewing. 'Spose the old gear *does* look mighty
mysterious and arcane to some (most?) of the newer generation of hams!

I do wish I knw how much truth there was to some of the story,
though--it included the remains of an on-site hydroelectric plant. The
very thing for the perfect vacation QTH! Time-shared ham vacation
condos, anyone? :) ("Sure, plug that kW right in to the 220 outlet, no
extra charge!")

This is all Nikola Tesla's fault, you know. :)

73,
--Bobbi

From boatanchors@theporch.com Wed May 10 18:50:32 1995
Date: Wed, 10 May 1995 13:50:32 -0500
Message-Id: <Pine.3.89.9505101129.A13878-01000000@netcom15>
From: paul Veltman <veltman@netcom.com>
Subject: Re: HUMOUR, BOATANC

> On Wed, 10 May 1995 michael.moore@24stex.com wrote:
> [to my suggestion that really oscillijumpy rigs be buried on a
> moonless night, etc. etc.]:
> >
> > Naw don't do that! Some dweeb will dig it up and try to sell it at
> > Livermore for \$60.00.
>
> <Grin> Very likely! ...If you didn't see the guy's original yarn in re
> the finding of those "treasures" in r.a.p+p, it was a heckuva tale, the
> usual sort of local legend that gets spun around any semi-reclusive ham
> who did a lot of homebrewing. 'Spose the old gear *does* look mighty
> mysterious and arcane to some (most?) of the newer generation of hams!
> I do wish I knw how much truth there was to some of the story,
> though--it included the remains of an on-site hydroelectric plant. The
> very thing for the perfect vacation QTH! Time-shared ham vacation
> condos, anyone? :) ("Sure, plug that kW right in to the 220 outlet, no
> extra charge!")

Bobbi,
I can't tell you if the gear was from a SK in the backwoods, but I did
hear the tale and I saw the gear at Livermore a couple of months ago. It
was the joke of the flea-market. Obviously, NONE of it had been taken
care of for many, many years, and probably left out in the weather.

73

Paul WA6OKQ

From boatanchors@theporch.com Wed May 10 11:25:54 1995
Date: Wed, 10 May 1995 06:25:54 -0500
Message-Id: <2FB0A1DE@smtpgate.rfc.comm.harris.com>
From: "Gable, Edward M" <emg@rfpo2.rfc.comm.harris.com>
Subject: Re: Humour, Boatanchor Style <Grin>

--

even without a schematic I can tell you C4 is the one with the least number of plates and it is variable.

de stan ak0b

+++++

C4 is kinda like an electrolytic wired in backwards.

From boatanchors@theporch.com Wed May 10 11:38:46 1995

Date: Wed, 10 May 1995 06:38:46 -0500

Message-Id: <Pine.3.89.9505100616.B1587-0100000@indy1>

From: "Roberta J. Barmore" <rbarmore@indynet.indy.net>

Subject: Re: Humour, Boatanchor Style <Grin>

On Wed, 10 May 1995, Gable, Edward M wrote:

> C4 is kinda like an electrolytic wired in backwards.

(Y'know, had I not hung out in High School with the sort of boys who like to blow things up (or at least talk about it), I'd've missed this entirely).

Tch, tch! You don't "neutralize" such a thing with C4; you double-wrap it in aluminum foil and bury it in the dark of the moon when HF propagation is poor as far away from the antenna as possible. Adding a copper-mesh ground screen over the excavation is useful but can be omitted if you salt the dirt down well. ;>

73,

--Bobbi

From boatanchors@theporch.com Wed May 10 14:41:56 1995

Date: Wed, 10 May 1995 09:41:56 -0500

Message-Id: <2FB0CF82@arrl.org>

From: "Cain, Jim, K1TN" <jcain@arrl.org>

Subject: Re: Humour, Boatanchor Style <Grin>

--

even without a schematic I can tell you C4 is the one with the least number of plates and it is variable.

de stan ak0b

+++++

C4 is kinda like an electrolytic wired in backwards.

I thought C4 was a plastique explosive. That would
REALLY neutralize a radio. J Cain

From boatanchors@theporch.com Wed May 10 20:44:23 1995
Date: Wed, 10 May 1995 15:44:23 -0500
Message-Id: <Pine.3.89.9505101546.C1505-01000000@pentagon.io.com>
From: Cabot Tower <beavis@io.com>
Subject: Re: HUMOUR, BOATANCHORS

I remember that guy at Livermore, most of the stuff
was not worth a second look, but I did buy a nice little roller
inductor from him. And he got one of the LARK guys excited,
because he sold the old bus that he arrived in.

From boatanchors@theporch.com Wed May 10 12:29:44 1995
Date: Wed, 10 May 1995 07:29:44 -0500
Message-Id: <Pine.SUN.3.91.950510071840.29828A-1000000@eiger.ceet.niu.edu>
From: Steve Berg <berg@eiger.ceet.niu.edu>
Subject: Re: Name this HRO?

I would buy the coils. Otherwise, two weeks from now when you find the
appropriate receiver for 5 bucks at a flea market, you'll be really
kicking yourself. I'm still saving my first HRO-50 that blew up, even
though I somehow managed to find another one at a hamfest. I will get it
fixed someday....

73,

Steve WA9JML

From boatanchors@theporch.com Wed May 10 19:55:04 1995
Date: Wed, 10 May 1995 14:55:04 -0500
Message-Id: <v02110104abd6c831c407@[140.243.30.128]>
From: steve@hi.com (Steve Byan)
Subject: Re: National NCX-5

Someone was asking about National NCX-5 Function Relays:
Allied Control

T154-ccc-ccc
115 vdc 9,000 ohms
cont. 2A-29VDC

I don't have a direct replacement for this relay, but I do have five relays in my junkbox that are rather close and might be usable as substitutes. They are R12-style relays, 4PDT, gold contacts:

Allied Control
T163X-25
110 VDC 15,000 ohms
cont. 2A-29VDC

If you need a replacement and you think they'd work as substitutes, send me email.

Regards,
-Steve

Steve Byan	internet: steve@hi.com
Hitachi Computer Products (America), Inc.	
1601 Trapelo Road	phone: (617) 890-0444
Waltham, MA 02154	FAX: (617) 890-4998

From boatanchors@theporch.com Thu May 11 00:38:06 1995
Date: Wed, 10 May 1995 19:38:06 -0500
Message-Id: <Chameleon.4.01.2.950510203414.jproc@>
From: jproc@worldlinux.com
Subject: Radio Systems Research Paper

Dear BA's,

My research paper titled "Radio Systems Aboard HMCS Haida" has been completed and is now ready for circulation. This document covers naval radio communications in the Royal Canadian Navy from the beginning to the present with focus on the radio equipment used aboard Tribal Class destroyers in the 1950's and 1960's. Included are pictures, diagrams, procedures and personal stories from a bygone era. Soft covered, 168 pages, 8.5" x 11". If you would like to receive a copy, please write to:

Jerry Proc
68 Braywin Dr.,
Etobicoke Ontario

M9P 2P3
Canada

Cost is \$12 in Canada, \$10 US funds outside Canada. Postage is included.

Regards,

Jerry Proc VE3FAB
E-mail: jproc@worldlinux.com
Radio Restoration Volunteer
HMCS Haida Toronto, Ontario

From boatanchors@theporch.com Wed May 10 13:35:58 1995
Date: Wed, 10 May 1995 08:35:58 -0500
Message-Id: <01HQBYBDAEVM91ZI5Z@RANDB.PPRD.Abbott.Com>
From: KANAMAA%AMGATE%MATRXA@randb.abbott.com
Subject: Surplus info repost

From: Kana, Michael (D9CY)
Date: Wed, May 10, 1995 8:41 AM
Subject: Surplus info repost
To: bigboats
Howdy all

Somehow, this didnt get out of the fort the first time so here goes again....

The name of the surplus store in San Diego was Murphy's Industrial Surplus Warehouse. Ph#619 444-7717

Call and request a printout of their inventory since it changes quite often.

Enjoy!
Mike Kana AA9IL

From boatanchors@theporch.com Wed May 10 15:08:56 1995
Date: Wed, 10 May 1995 10:08:56 -0500
Message-Id: <abd691d5020210048a33@[192.31.66.240]>

From: ji3m@scubed.scubed.com (James R. Duffey)
Subject: Tektronix 81(A) adapter for 1 series plugins in 585A

I recently bought a Tektronix 585A with a "L" plug in. I understand that an adapter, type 81 or 81A, is required to use the more commonly available "1" series plug ins that the 54X 55X, and 56X series scopes use.

Can someone tell me what the 81 adapter does? It appears that the letter series plug ins and the "1" series plug ins are physically identical and have identical plugs. I have seen the 81 series adapter at the local surplus emporium and it does contain several tubes so it must do something active. Will the "1" series plugins work without the adapter? If so what will the effects be?

The scope works well although the mechanical coupling to the variable sweep pot for the A time base is broken. I have taken it apart and the pot is buried so it is difficult to get at. With two time bases this is not a big deal to me now. The scope cost me \$12 at a local auction. I bought a cart for \$25, and plug ins seem to run from \$15 to \$50. The 81 adapter is \$35. I have to think seriously about paying more for accessories than I did for the socpe, but it is still a fine piece of test equipment and very versatile.

Thanks in advance for any help you can offer.-Duffey KK6MC/5

James R. Duffey ((505) 764-3143)
Maxwell Laboratories, S-Cubed Division
2501 Yale Blvd SE Suite 2501
Albuquerque, NM 87106-4125

From boatanchors@theporch.com Wed May 10 15:23:47 1995
Date: Wed, 10 May 1995 10:23:47 -0500
Message-Id: <199505101521.LAA02665@shiva.shiva.com>
From: John Shriver <jas@shiva.com>
Subject: Re: Tektronix 81(A) adapter for 1 series plugins in 585A

An 81 or 81A adaptor is required to use anything other than 80 series plugins in the 585A. That applies to letter or 1 series plugins. The plug on the 80 series is deliberately upside down, so that it will not mate with the letter/1-series.

The 81/81A adaptor appears to mostly be an amplifier, to change the signal levels and impedances as appropriate. It may also modify some of the supply voltages.

The 81A adaptor is to be preferred, it has 50 MHz bandwidth, making it suitable for the "hot" 1 series plugins like the 1A1 and 1A2. The 81 adaptor only has 35 MHz bandwidth, suitable for all the letter plugins.

The 81 and 81A adaptors are rarer than the 581 and 585, so it is perfectly appropriate that they cost more.

The preferred (and most common) 80 series plugin is the 82, it is a dual-trace. The 80 is rare, needs a even rarer dedicated cathode-follower probe. The 81 is a single-trace, but is no better than half an 82, and rarer. The (rare) 84 is a test plugin, useful for aligning the vertical amplifiers in the 585 mainframe.

There is an excellent book by Stan Griffiths (W7NI) on Tek scopes through 1968, well recommended.

From boatanchors@theporch.com Wed May 10 17:11:36 1995
Date: Wed, 10 May 1995 12:11:36 -0500
Message-Id: <47349.owen@apollo.eeel.nist.gov>
From: "James C. Owen, III" <owen@apollo.eeel.nist.gov>
Subject: RE: Tektronix 81(A) adapter for 1 series plugins in 585A

In message Wed, 10 May 1995 10:08:59 -0500,
ji3m@scubed.scubed.com (James R. Duffey) writes:

> Can someone tell me what the 81 adapter does?

>

As per the 81A manual. The 81A makes the 580-series scopes compatible with more than twenty Tek letter-series and 1-series plug-in units. The type 81A contains the following circuitry: Vert Amp, Grid Line Termination, Alternate Trace Sync Pulse Amplifier, +75 Volt Power Supply. The main, but not only, area of concern is the 75 Volt PS. The Letter and 1 series plug-in's require 75 volts and the 585 has a 100 volt supply. If you plug in a letter or 1 series unit you burn it up. The 81A is required if you use any plug-in's other than those made only for the 580 series.

73 Jim K4CGY

James C. Owen, III

National Institute of Standards & Technology (NIST)

Bldg 225/B360

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1-301-975-5623

From boatanchors@theporch.com Wed May 10 17:29:26 1995
Date: Wed, 10 May 1995 12:29:26 -0500
Message-Id: <199505101727.MAA02858@zoom.bga.com>
From: Henry van Cleef <vancleef@bga.com>
Subject: Re: Tektronix 81(A) adapter for 1 series plugins in 585A

As James R. Duffey said

>
> I recently bought a Tektronix 585A with a "L" plug in. I understand that an
> adapter, type 81 or 81A, is required to use the more commonly available "1"
> series plug ins that the 54X 55X, and 56X series scopes use.
>
> Can someone tell me what the 81 adapter does? It appears that the letter
> series plug ins and the "1" series plug ins are physically identical and
> have identical plugs. I have seen the 81 series adapter at the local
> surplus emporium and it does contain several tubes so it must do something
> active. Will the "1" series plugins work without the adapter? If so what
> will the effects be?
>

The 585 interface at the blue-ribbon connector is entirely different than that of the 530-540 series. Power supply voltages are different, and the characteristics of the vertical signal out are different. As I recall, the 530-40 interface ships a 100 mv/div differential signal elevated to 100 volts, and the 580 doesn't elevate the signal. Also, as I recall, the 580 uses something different than the 100 volts DC shipped to the letter series plugins for heater use. You will need the 81 adapter to use letter series plugins. It does plenty.

The desirable plugin for the 585 is the type 82, and I would buy one in preference to an 81 and letter plugins unless you really want the special characteristics of some of the letter series.

--

Hank van Cleef vancleef@bga.com vancleef@tmn.com

From boatanchors@theporch.com Wed May 10 14:39:44 1995
Date: Wed, 10 May 1995 09:39:44 -0500
Message-Id: <199505101437.HAA26733@ix5.ix.netcom.com>
From: w0ogh@ix.netcom.com (Larry Godek)
Subject: Transformers

I took the list of transformers that N0RAF listed yesterday home with me and looked up what I could (only 3).

Thordarson Model T57A41:

Single plate to P-P Grid

Pri: 10K @ 8ma

sec: 90K

2 1/4 lbs

Thordarson model T19C35

Choke: 5-20 hy

200 ma dc

3 Kv test

130 ohm DC

Thordarson Model T58S72

Pri: 3K

sec: 4,8,15,500

60 ma per side

30 watts

Thats what the book said about them. Looks like there could be something useful in that group alone.

hope this helps a lil bit.

Larry WOOGH

From boatanchors@theporch.com Wed May 10 16:15:02 1995

Date: Wed, 10 May 1995 11:15:02 -0500

Message-Id: <9505101612.AA27498@ihurry.ih.att.com>

From: Michael.J.Knudsen@att.com

Subject: two bouncing bull-boards

Does everyone else who posts to the BA List get a non-delivery notice back from these two bulletin boards:

SLACC STACK BBS -- St. Louis

Ky Online (kol.com)

where SLACC STACK is slacc.com

Thanks, mike k.